

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: Jun 30, 2003

Program: SPR-0010(36) FFY99	Part: II Research and Development
Project Title: Development of Methodology to Include the Strength Contribution of Select Subgrade Materials in Pavement Structure	Project ID: 0092-03-12
Administrative Contact: Nina McLawhorn	Sponsor:
WisDOT Technical Contact: Bob Arndorfer	Approved Starting Date: Jul 25, 2002
Approved by COR/Steering Committee: \$120,034.00	Approved Ending Date: Oct 25, 2004
Project Investigator (agency & contact): Tuncer Edil: UW-Madison	

Description: The study will be conducted over 27 months, and will be completed in five (5) phases.

Task 1: Review

Task 2: Laboratory Investigation

Task 3: Analysis of Large-Scale Test Data

Task 4: Field Evaluation

Task 5: Synthesis of Results, Recommendations, and Technology Transfer

Background:

This study will determine what impact the inclusion of select materials in a subgrade will have on the pavement design parameters of that subgrade. It will also provide specific determinations for the relative impacts of each of the eight defined select materials systems now used by WisDOT. The study will recommend a proposed methodology to include these impacts in the pavement design process. The results of the study will provide WisDOT with the basis to make an informed policy decision on the inclusion of select materials impacts in pavement design.

Total Study Budget	Current FFY Budget	Expenditures for Current Quarter	Total Expenditures to Date	Percent Complete
\$120,034.00	\$30,008.50	\$27,679.07	\$0.00	75 (%)

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Progress This Quarter:

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

The testing and analysis as related to the inclusion of working platforms constructed using industrial byproducts have been completed and written as a report. This report will be submitted in August 2003 for the TOC review.

Work Next Quarter:

The testing has been completed but analysis and writing of the report relating to geosynthetic-reinforced working platforms is still underway. We plan to continue working on this in next quarter.

Circumstances affecting progress/budget:

None

Gantt Chart:
Tasks 1-4 are essentially complete. Task 5 is 50% complete.

Note: Gantt chart shown in State Fiscal Year Quarters